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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mihai Ibanescu et al.  
Patent No. : 6,909,729 B2  
Issue Date : June 21, 2005  
Serial No. : 10/008,963  
Filed : October 25, 2001  
Title : DIELECTRIC WAVEGUIDE WITH TRANSVERSE INDEX VARIATION THAT  
SUPPORT A ZERO GROUP VELOCITY MODE AT A NON-ZERO LONGITUDINAL  
WAVEVECTOR

Art Unit : 2828  
Examiner : Dung T. Nguyen

Attn.: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF REQUEST FOR CERTIFICATE OF CORRECTION

Applicant hereby requests that a certificate of correction be issued for the above patent in accordance with the attached request.

One or more of the errors sought to be corrected were made by applicant, and a check for \$100 is enclosed to cover the required fee of 37 CFR §1.20(a).

Please apply any charges or credits to Deposit Account No. 06-1050, referencing 01997-324001.

Respectfully submitted,

Date: 12/14/05

Marc M. Wefers  
Reg. No. 56,842

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

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Certificate  
DEC 28 2005  
of Correction

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

12-20-05  
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Signature: Cheryl A. Forrest

CHERYL A. FORREST  
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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,909,729 *B2*  
 DATED : JUNE 21, 2005  
 INVENTOR(S) : MIHAI IBANESCU, JOHN D. JOANNOPOULOS, YOEL FINK, STEVEN G. JOHNSON AND  
 SHANHUI FAN

It is certified that an error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### Cover Page

Inventors, replace "John D. Joannopoious" with --John D. Joannopoulos--  
 Foreign Patent Documents, delete "WO00/22446" and "WO00/65386"  
 Other Publications, replace "M. Ibaneseu" with --M. Ibanescu--  
 Other Publications, "F. Brechet" publication, replace "Analyis" with --Analysis--

### Page 2

"F. Brechet" publication, after "Designed" delete first occurrence of "for Zero"

MAILING ADDRESS OF SENDER:

Marc M. Wefers  
 Fish & Richardson P.C.  
 225 Franklin Street  
 Boston, MA 02110

PATENT NO. 6,909,729

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